Form PTO-948 (Rev. 160) 6/283 4 Application No.____

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

NOTICE OF DEA fsperson's patent drawing review The drawing(s) filed (insert date) approved by the Draftsperson under 37/CFR 1.84 or 1.152. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required. 1. DRAWINGS. 37 CFR 1.84(a): Acceptable 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) categories of drawings: Black ink or Words do not appear on a horizontal, left-to-right Color (3 sets required). fashion when page is either upright or turned so Color drawings are not acceptable until petition is that the top becomes the right side, except for granted. Fig(s) graphs. Fig(s) Pencil and non black ink not permitted. Fig(s) 9. SCALE. 37 CFR 1.84(k) 2. PHOTOGRAPHS. 37 CFR 1.84(b) Scale not large enough to show mechanism One (1) full-tone set is required. Fig(s) without crowding when drawing is reduced in Photographs may not be mounted. 37 CFR 1.84(e) size to two-thirds in reproduction. Photographs must meet paper size requirements of Fig(s) 37 CFR 1.84(f). Fig(s) 10. CHARACTER OF LINES, NUMBERS, & Poor quality (half-tone). Fig(s) TTERS. 37 CFR 1.84(1) 3. TYPE OF PAPER. 37 CFR 1.84(e) Lines, numbers & letters not uniformly thick and Paper not flexible, strong, white, and durable. well defined, clean, turable, and back (poor line Fig(s) quality). Fig(s)_ 11. SHADING. 37 CFR 1.84(m) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Solid black areas pale. Fig(s) Solid black shading not permitted. Fig(s) 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable 12. NUMBERS, LETTERS, & REFERENCE sizes: CHARACTERS. 37 CFR 1.84(p) ~ 21.0 cm by 29.7 cm (DIN size A4) or Numbers and reference characters not plain and 21.6 cm by 27.9 cm (8 1/2x 11 inches) legible. Fig(s)_ All drawing sheets not the same size. Figure legends are poor. Fig(s) Sheet(s) Numbers and reference characters not oriented in Drawings sheets not an acceptable size. Fig(s) the same direction as the view. 37 CFR 1.84(p)(1) 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Fig(s) Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm English alphabet not used. 37 CFR 1.84(p)(2) Margins not acceptable. Fig(s) Fig(s) Top (T) Left (L) Numbers, letters and reference characters must be Right (R) Bottom (B) at least 32 cm (1/8 inch) in height, 37 CFR 6. VIEWS. 37 CFR 1.84(h) 1.84(p)(3). Fig(s) REMINDER: Specification may require revision to 13. LEAD LINES. 37 CFR 1.84(q) correspond to drawing changes, e.g., if Fig. 1 is Lead lines missing. Fig(s) changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the 14. NUMBERING OF SHEETS OF DRAWINGS. specification, at the Brief Description of the Drawings, 37 CFR 1.84(t) must likewise be changed. Sheets not numbered consecutively, and in Arabic Views not labeled separately or properly. numbers beginning with number 1. Sheet(s)_

when used to represent the color black as well as color contrast. Fig(s)

COMMENTS:

Reviewer_

If you have questions, call (703) 305-

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Arabic or Roman numbers. Fig(s)

Sectional designation should be noted with

308 9010 × 131

Attachment to Paper No.

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

16. DESIGN DRAWINGS, 37 CFR 1.152

Surface shading shown not appropriate.

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)

Solid black surface shading is not permitted except